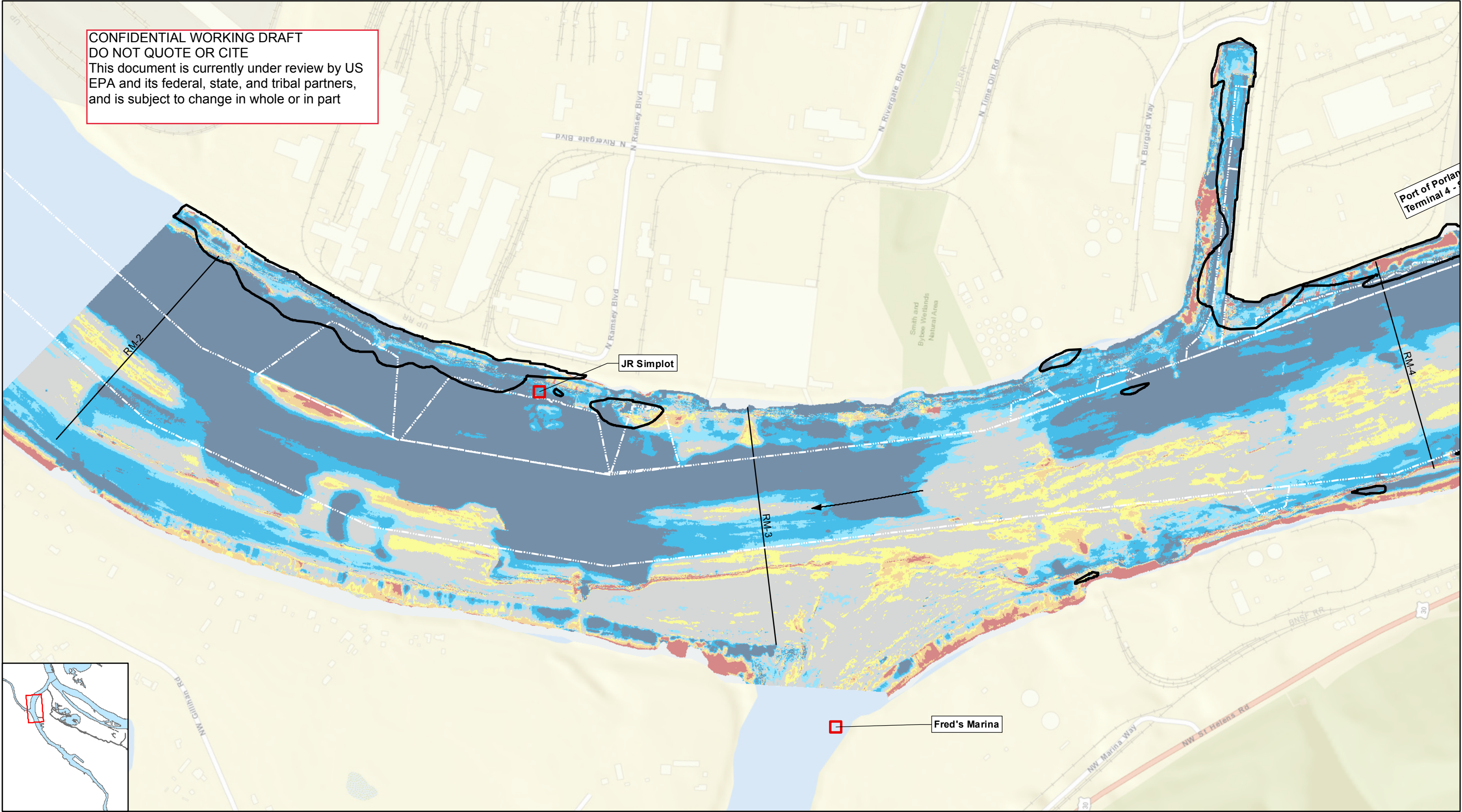


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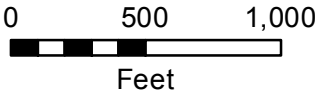
- Sand Placement Locations**
- Preliminary
 - Known

- Proposed Dredging Locations**
- Completed
 - Proposed

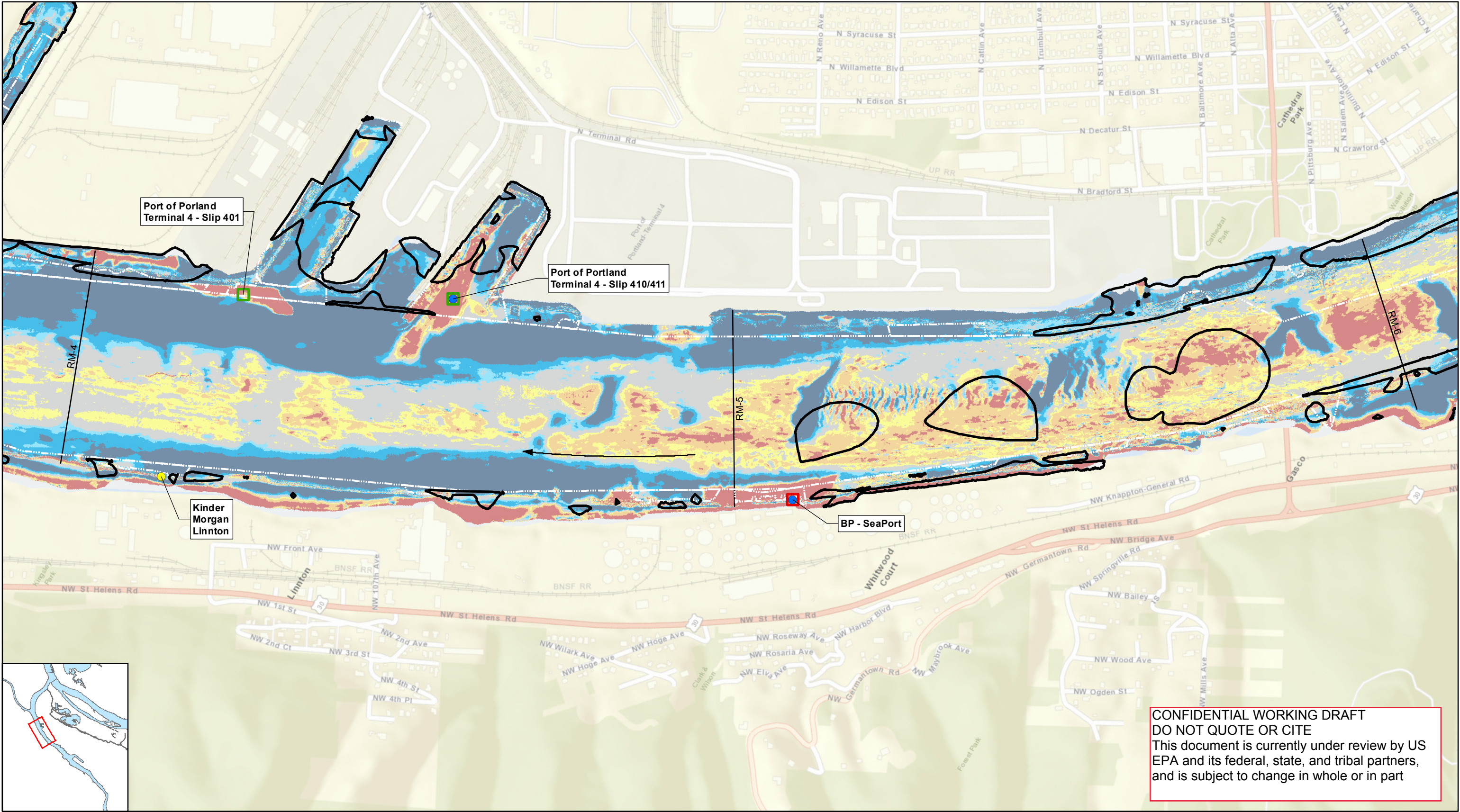
- Remediation Areas
- Navigation Channel and Future Maintenance Dredge
- River Flow

- Bathy Change from 2009 to 2018 (cm)**
- < -30
 - 30 to -15
 - 15 to -7.5
 - 7.5 to 7.5
 - 7.5 to 15
 - 15 to 30
 - > 30

Figure Xb.
Sediment Deposition Rate, 2009 to 2018
River Mile 1.9 to 4



Path: E:_Projects\Portland Harbor\GIS\MapDocuments\Bathy\Absolute Bathymetry Change_2009to2018_byRM.mxd



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Sand Placement Locations

- Preliminary
- Known

Proposed Dredging Locations

- Completed
- Proposed

Remediation Areas

- Navigation Channel and Future Maintenance Dredge

River Flow

Bathy Change from 2009 to 2018 (cm)

- < -30
- 30 to -15

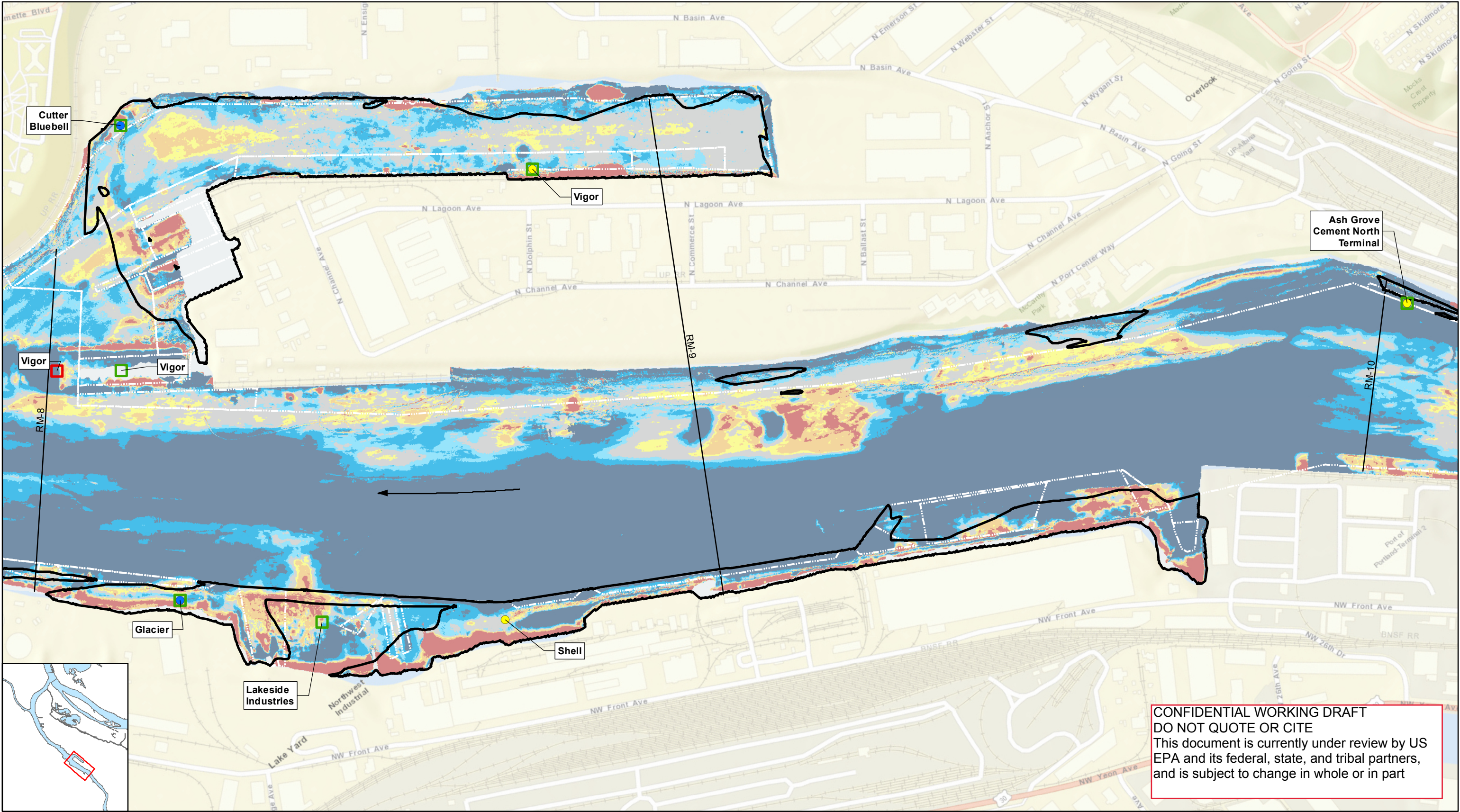
- 15 to -7.5
- 7.5 to 7.5
- 7.5 to 15
- 15 to 30
- > 30

Figure Xc.
Sediment Deposition Rate, 2009 to 2018
River Mile 4 to 6



0 500 1,000
Feet

Path: E:_Projects\Portland Harbor\GIS\MapDocuments\Bathy\Absolute Bathymetry Change_2009to2018_byRM.mxd



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Sand Placement Locations

- Preliminary
- Known

Proposed Dredging Locations

- Completed
- Proposed

Remediation Areas

- Navigation Channel and Future Maintenance Dredge

River Flow

Bathy Change from 2009 to 2018 (cm)

- < -30
- 30 to -15

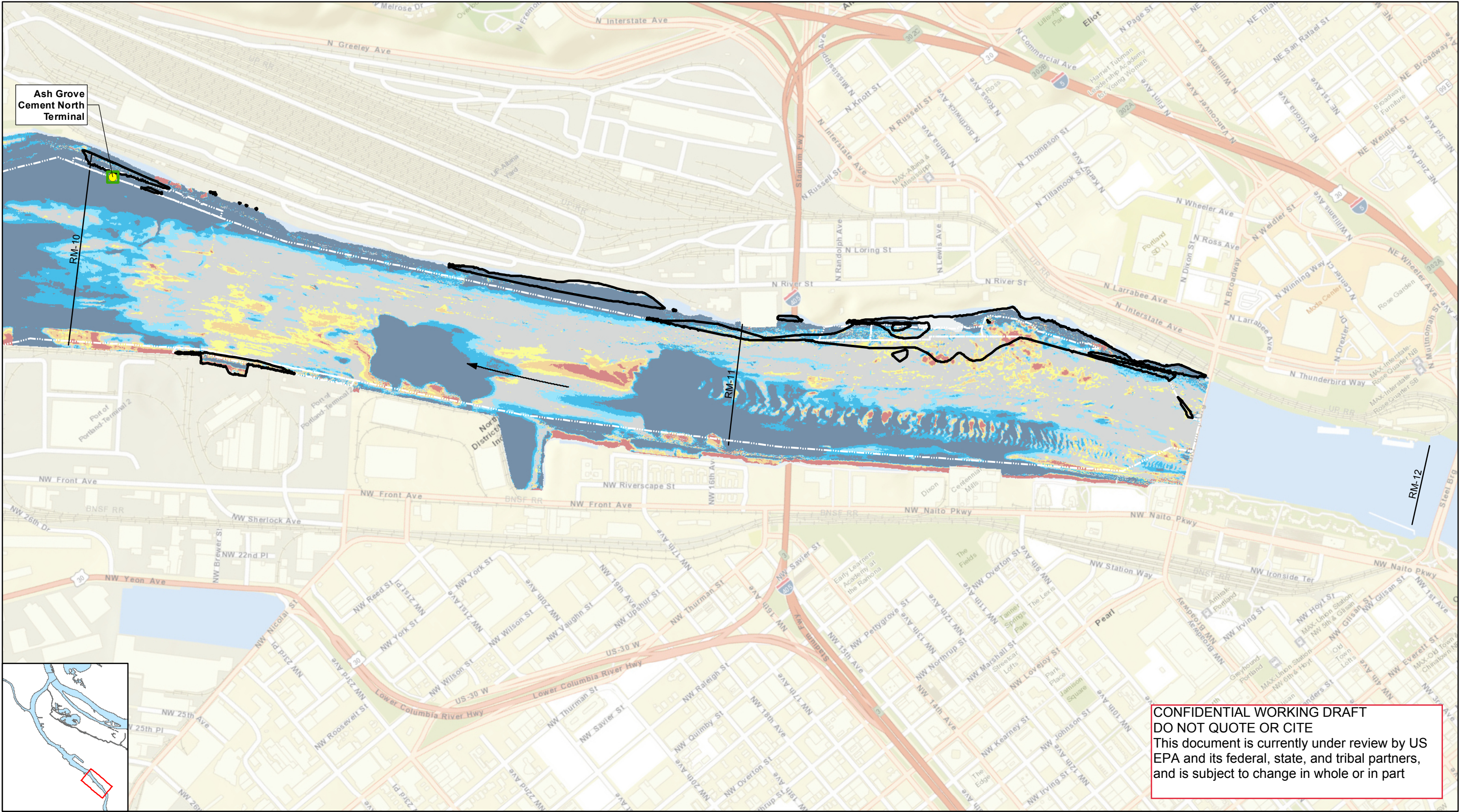
- 15 to -7.5
- 7.5 to 7.5
- 7.5 to 15
- 15 to 30
- > 30

Figure Xe.
Sediment Deposition Rate, 2009 to 2018
River Mile 8 to 10



0 500 1,000
Feet

Path: E:_Projects\Portland Harbor\GIS\MapDocuments\Bathy\Absolute Bathymetry Change_2009to2018_byRM.mxd



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- Sand Placement Locations**
- Preliminary
 - Known

- Proposed Dredging Locations**
- Completed
 - Proposed

- Remediation Areas**
- Navigation Channel and Future Maintenance Dredge
- River Flow**

- Bathy Change from 2009 to 2018 (cm)**
- < -30
 - 30 to -15

- 15 to -7.5
- 7.5 to 7.5
- 7.5 to 15
- 15 to 30
- > 30

Figure Xf.
Sediment Deposition Rate, 2009 to 2018
River Mile 10 to 12



0 500 1,000
Feet